

PRODUCT DATASHEET

HQL 50 W E27

HQL | Mercury vapor lamps for open and enclosed luminaires



AREAS OF APPLICATION

- Factories and workshops
- Industrial installations
- Streets
- Car parks, courtyards
- Pedestrian zones, public squares
- Parks and gardens
- Suitable for use in open and enclosed luminaires
- Outdoor applications only in suitable luminaires



TECHNICAL DATA

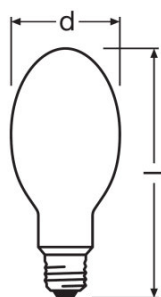
Electrical data

Rated wattage	50.00 W
Lamp current	0.61 A
Nominal wattage	50.00 W
Nominal voltage	95 V
Ignition voltage	0.198 kVp

Photometrical data

Rated lamp efficacy (standard condition)	36 lm/W
Rated luminous flux	1800 lm
Color temperature	4200 K
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.86
Rated LLMF at 12,000 h	0.80
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.75
Luminous flux	1800 lm
Color rendering index Ra	50

Dimensions & weight



Diameter	56.0 mm
Length	130.0 mm
Product weight	40.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	310 °C
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Maximum permitted base edge temperature	210 °C
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Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.97
Rated lamp survival factor at 6,000 h	0.95
Rated lamp survival factor at 8,000 h	0.90
Rated lamp survival factor at 12,000 h	0.75
Rated lamp survival factor at 16,000 h	0.68
Rated lamp survival factor at 20,000 h	0.60
Lifespan B50	24000 h
Lifespan B10	8000 h
Lifespan B5	6000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E27
Product remark	As of April 2015 not compliant with ErP directive 245/2009
Design / version	Coated
Mercury content	12.3 mg

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

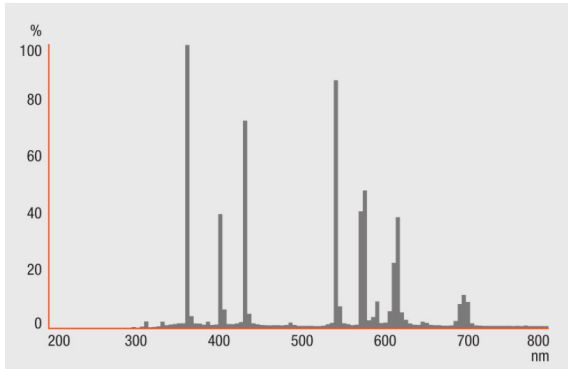
Certificates & standards

Energy efficiency class	B
Energy consumption	55 kWh/1000h

Country-specific categorizations

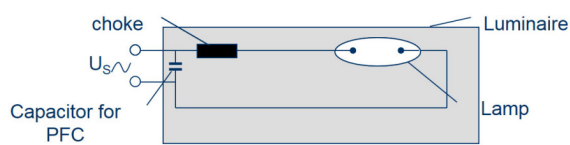
ILCOS	QE/R-50-H/E/S-E27-56/130
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Light Distribution



Spectral power distribution

Wiring Diagram



Wiring diagram

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300015040	Round wrap 1	140 mm x 60 mm x 60 mm	48.80 g	0.50 dm ³
4050300213798	Shipping carton box 40	356 mm x 296 mm x 302 mm	2438.33 g	31.82 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.